

MULTIMEDIA



UNIVERSITY

STUDENT ID NO

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# MULTIMEDIA UNIVERSITY

## FINAL EXAMINATION

TRIMESTER 2, 2015/2016

**MPD 1013 – VIDEO PRODUCTION**  
(All Sections / Groups)

03 MARCH 2016  
2.30 PM – 4.30 PM  
(2 Hours)

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### INSTRUCTION TO STUDENT

1. This Question paper consists of 8 pages with TWO Sections, A and B only.
2. Answer **TWO** out of **FOUR** questions in Section A and answer **ALL** the questions in Section B. Distribution of the marks for each question is given.
3. Please print all your answers in the Answer Booklet provided.

**Section A (60 Marks)****Subjective question**

Please answer **TWO** out of **FIVE** questions on this section.

**Question 1**

- A. Define the term '**mise en scene**' and list down the elements relates to it. (10 marks)
- B. Explain the term '**call sheet**'. (5 marks)
- C. What is '**production sound**' and what are the equipments used? (5 marks)
- D. After reading the script, an elephant is needed for a particular scene. That elephant becomes one of many items that must be delivered to the set on the production day.
  - i. Whose responsibility is to deliver the elephant? (2 marks)
  - ii. Please state the task that this role is responsible of. (8 marks)

**Question 2**

- A. Describe in details for the term '**Budget**' and explain it by making a sample of a top sheet budget. (15 marks)
- B. Documentaries are non-fiction films. List down and elaborate each of the **5 types** of Documentary. (15 marks)

**Question 3**

- A. To calculate the size in kilobytes (K) of one frame of **uncompressed video**, the formula is:

$$\text{Frame size } K = ([\text{Pixel Width} \times \text{Pixel Height} \times \text{Bit Depth}] / 8) / 1024$$

Where 8 represents an 8-bit byte, and 1024 equals the number of bytes per kilobytes. For example, the size in kilobytes of an uncompressed frame of full-size (640 x 480), 24-bit video is: Frame size  $K = ([640 \times 480 \times 24] / 8) / 1024 = \mathbf{900K}$

- i. What is the calculation for the size in kilobytes of an uncompressed frame for a digital video of full-size 160X120 (5 marks)
- ii. What is the calculation for the size in kilobytes of an uncompressed frame for a digital video of full-size 320X240 (5 marks)

iii.

**Continued...**

- B. Treatment is one of the most critical part in the pre-production stage. Define the term '**Treatment**' (10 marks)
- C. List down function of **storyboards** (10 marks)

#### Question 4

- A. Fill in the blanks. One word for each blank. (2 marks each)

- a. \_\_\_\_\_ is a sound effects technique for synchronous effects or live effects.
- b. \_\_\_\_\_ is the post-production process of recording and replacing voices on a motion picture or television soundtrack subsequent to the original shooting.
- c. Automated dialogue replacement (ADR) is the process of re-recording the original \_\_\_\_\_ after filming.
- d. The \_\_\_\_\_ identifies the program, the program title and the program's length.
- e. \_\_\_\_\_ are an artificial electronic signal generated by the camera or by post production equipment for judge colour accuracy of an image.

- B. Calculate these figures (2 marks each)

When processing an image pan, Adobe Premiere requires three image buffers and up to 3 MB of memory for **application overhead**. To determine how much memory is needed to process an image pan use the following formula:

$$\text{Memory MB} = (\text{image size} \times 3) + 3$$

- i. To process an image pan for 8 MB image, you need \_\_\_\_\_ MB of memory
- ii. To process an image pan for 9 MB image, you need \_\_\_\_\_ MB of memory
- iii. To process an image pan for 10 MB image, you need \_\_\_\_\_ MB of memory
- iv. To process an image pan for 11 MB image, you need \_\_\_\_\_ MB of memory
- v. To process an image pan for 12 MB image, you need \_\_\_\_\_ MB of memory
- vi. To process an image pan for 13 MB image, you need \_\_\_\_\_ MB of memory

Continued...

- C. Name the 5 basic **functions of music** in visual media *(1 mark each)*
- D. **Sound effects** in visual media can be described as anything that is not music or the Spoken Word. There are 3 types of it. List all of them. *(1 mark each)*

**End of Section A**

**Continued...**

**SECTION B (40 Marks)**

Answer ALL the questions.

1. A documentary that tries to present a “slice of life” or a direct representation of filmed events is known as \_\_\_\_\_.
  - A. Expository documentary
  - B. Reflexive documentary
  - C. Interactive documentary
  - D. Observational documentary
2. What is a call sheet?
  - A. A paper to that lists all the contacts crews and actors involved in a production.
  - B. A paper that identifies the roles of crew and actors involved in a production.
  - C. A paper that lists the time a production starts on a daily basis.
  - D. A paper that lists the salary and payment for the crew and actors involved.
3. The following are the main components of sound design except
  - A. Spoken word
  - B. ADR
  - C. Sound effects
  - D. Music
4. The short Budget form is separated into two parts. The first part is the top sheet. The top sheet offers a financial overview or summary of all the major budget categories, which is also called \_\_\_\_\_.
  - A. Accounts
  - B. Total
  - C. Sub total
  - D. Document
5. A detailing of the length of time allocated for pre-production, production and post-production and what should occur during each phase. Which of the following terms is most consistent with these statements?
  - A. Production Total
  - B. Production Book
  - C. Production Diary
  - D. Production Schedule

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6. Time code is an 8 digit numerical sequence consisting of four 2 digit numbers separated by colons. Which of these explains the 8 digit numerical sequence?
- A. FRAMES:SECONDS:MINUTES:HOURS
  - B. MINUTES:HOURS:FRAMES:HOURS
  - C. HOURS:MINUTES:SECONDS:POINTS
  - D. HOURS:MINUTES:SECONDS:FRAMES
7. The stage of moviemaking during which all pictures and principal sound are shot is known as \_\_\_\_\_.
- A. Production
  - B. Post Production
  - C. Editing
  - D. Directing
8. Which of these statements is **TRUE** about documentaries?
- A. Conventionally understood to be a fiction film.
  - B. It's a common thing to have a documentary being scripted by the director.
  - C. The documentary filmmakers just simply point the camera towards their subject and let the camera roll.
  - D. The world depicted in the documentary is real, not imaginary.
9. Which of these **DOES NOT** fall under the pre-production process in making a documentary?
- A. Research
  - B. Treatment and script writing
  - C. Budget
  - D. Edit decision list
10. A microphone is a device that changes \_\_\_\_\_ energy to electrical energy.
- A. particle
  - B. acoustic
  - C. digital
  - D. mechanical

Continued...

11. Which of these roles are paid in 'above the line' payment terms?
- A. Director and Gaffer
  - B. Producer and Gaffer
  - C. Actors and Extras
  - D. Actors and Director of Photography
12. 10% of the budget made for a film is calculated as?
- A. Top Sheet
  - B. Detail budget
  - C. Contingency
  - D. Above the line
13. Sound effects can be obtained from all of the following except
- A. Library sounds
  - B. Foley
  - C. Production sounds
  - D. Stage score
14. Which of the following is NOT an element of a documentary film?
- A. The nature of the events depicted in the film must be unstaged.
  - B. The events in the film have an existence independent of the cinema.
  - C. The events of the film must be based on a book.
  - D. The world depicted in the film is real and not imaginary.
15. The following are variations of the spoken word except
- A. Narration
  - B. Script
  - C. Dialogue
  - D. Voice over

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16. As you would expect from the term Theatrical Origins, mise-en-scene includes those aspects of film that overlaps with the art of the theatre; setting, \_\_\_\_\_, costume, and the behaviour of the figures. In controlling the mise-en-scene, the director stages the event for the camera.
- A. Lighting                      B. Camera                      C. Tripod                      D. Dolly
17. A transition effect in Adobe Premiere is a change from one scene to the next or from one clip to another. Which of these is NOT a transition effect?
- A. Band Wipe  
B. A straight cut  
C. Cross dissolve  
D. 3D Cube
18. \_\_\_\_\_ indicates the number of frames per second to play back video from the Timeline.
- A. Frame Size  
B. Frame Quality  
C. Frame Rate  
D. Data Rate
19. In post-production stage, editing a rough cut before producing the final version on a high-end system is called \_\_\_\_\_.
- A. online editing  
B. offline editing  
C. DV editing  
D. PAL editing
20. Which of the following can be used to bounce or reflect light in a production?
- A. Black Sugar Paper  
B. Polystyrene  
C. Black Cloth  
D. Colour Gels

**End of Paper**